



www.Source1Parts.com

**FC8T SERIES 2-STAGE UPFLOW/HORIZONTAL  
NATURAL GAS FURNACES - (80%)  
INCLUDING LO-NOX (MODEL LC8) (STYLE A)**

**HVAC SERVICE PARTS**

Supersedes: 035-20353-001 Rev. A (0504)

035-20353-001 Rev. B (0305)

1 of 8

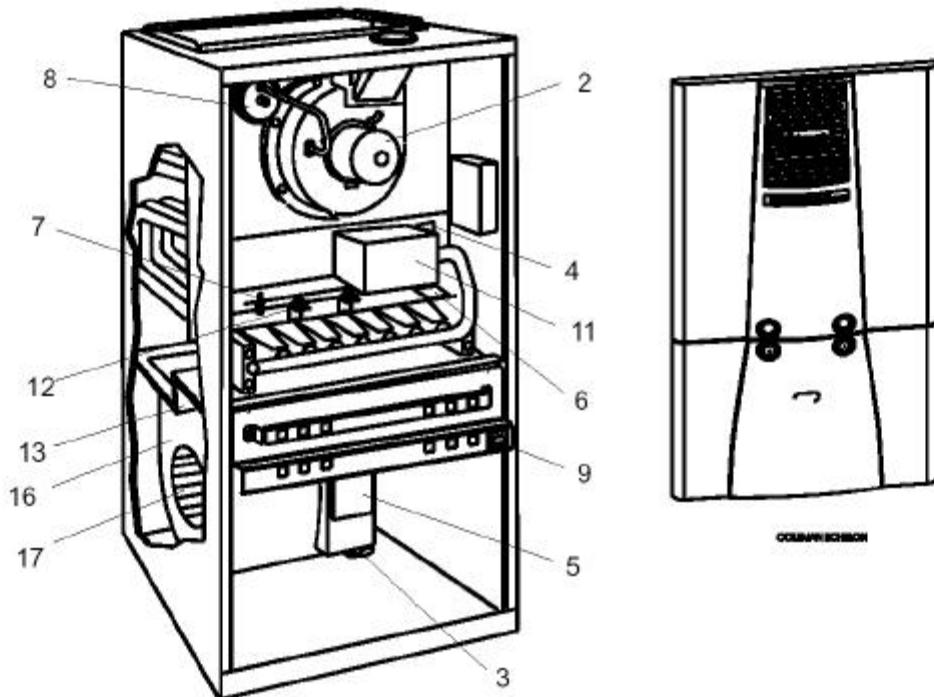


Figure 1: 2-STAGE UPFLOW/HORIZONTAL NATURAL GAS FURNACES (80%)

FIG	ITEM	DESCRIPTION	FC8T060A12UH11A	FC8T080A12UH11A	FC8T080B16UH11A	FC8T100B12UH11A
			LC8T060A12UH11A	LC8T080A12UH11A	LC8T080B16UH11A	---
			(3 BURNER)	(4 BURNER)	(4 BURNER)	(5 BURNER)
<b>MOTORS</b>						
*	1	MOTOR, DIRECT DRIVE BLOWER	024-31969-000	024-31969-000	024-26002-000	024-25110-000
1	2	MOTOR, VENTOR ASS'Y	024-27653-000	024-27653-000	024-27653-000	024-27653-000
<b>ELECTRICAL</b>						
1	3	CAPACITOR, RUN (7.5MFD/370V) [RC]	024-20045-000	024-20045-000	---	024-20045-000
		CAPACITOR, RUN (10MFD/370V) [RC]	---	---	024-20046-000	---
1	4	CONTROL, HIGH LIMIT	025-29041-005	025-29041-005	025-29041-005	025-29041-005
1	5	CONTROL, FURNACE [FC]	031-09117-000	031-09117-000	031-09117-000	031-09117-000
1	6	IGNITER	025-32625-000	025-32625-000	025-32625-000	025-32625-000
1,3	7	SENSOR, FLAME	025-27773-000	025-27773-000	025-27773-000	025-27773-000
1	8	SWITCH, AIR PRESSURE [1LP]	024-27655-001	024-27656-001	024-27656-001	024-27657-001
1	9	SWITCH, DOOR [SW]	024-31943-000	024-31943-000	024-31943-000	024-31943-000
*	10	TRANSFORMER	025-30889-000	025-30889-000	025-30889-000	025-30889-000
1,3	11	VALVE, GAS	025-35394-000	025-35394-000	025-35394-000	025-35394-000
1,3	12	SWITCH, FLAME ROLL-OUT [ROS 3]	025-27747-016	025-27747-016	025-27747-016	025-27747-018
3	12A	CONTROL, Flame Roll Out (2ea)[ROS1,2]	025-27792-009	025-27792-009	025-27792-009	025-27792-009
1	13	CONTROL, AUX. LIMIT (2 ea) [LS2,LS3]	025-30321-000	025-30321-000	025-30321-000	025-30321-000
*	14	FUSE (ATO 3)	025-32746-026	025-32746-026	025-32746-026	025-32746-026
	15					
<b>AIR MOVING</b>						
1	16	HOUSING, BLOWER	373-17827-001	373-17827-001	373-17829-002	373-17827-001
1	17	WHEEL, BLOWER	026-35497-000	026-35497-000	026-19654-009	026-19654-003
*	17A	CUTOFF, BLOWER	---	---	063-93198-000	---

NOTE: \*Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 3/05.

Major components and suggested stocking items are shown with shaded item number.

&lt; Across from row indicates a change in that row.



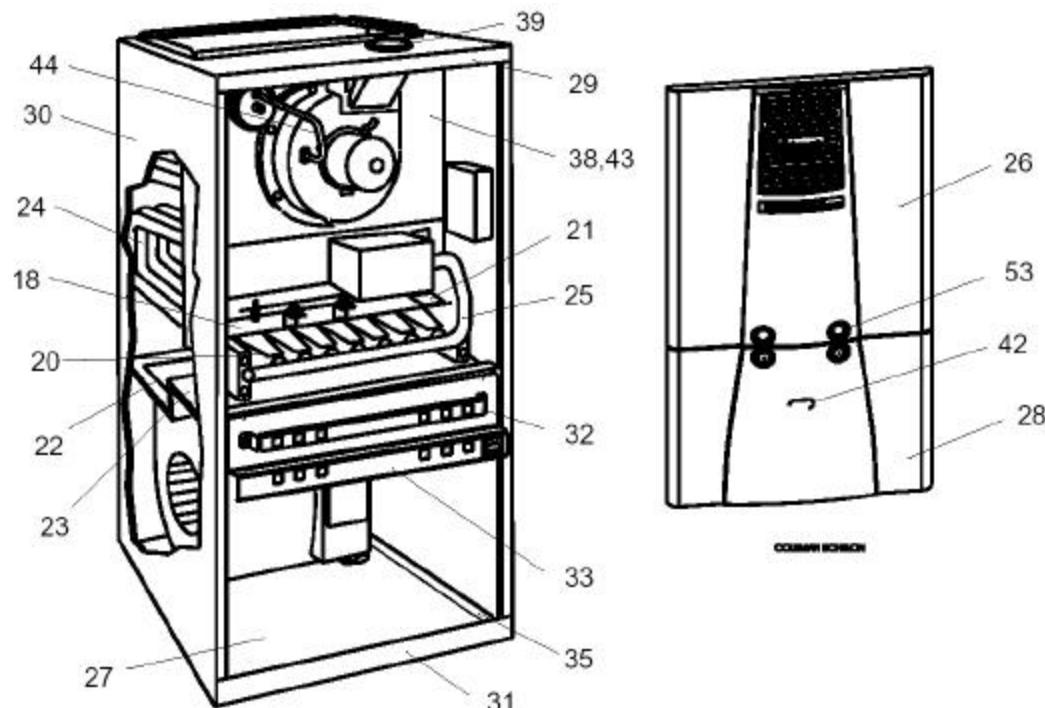


Figure 2: 2- STAGE UPFLOW/HORIZONTAL NATURAL GAS FURNACES (80%)

FIG	ITEM	DESCRIPTION	FC8T060A12UH11A	FC8T080A12UH11A	FC8T080B16UH11A	FC8T100B12UH11A
			LC8T060A12UH11A	LC8T080A12UH11A	LC8T080B16UH11A	---
			(3 BURNER)	(4 BURNER)	(4 BURNER)	(5 BURNER)
<b>FABRICATED PARTS</b>						
2	18	SHIELD, SECONDARY AIR	073-17404-003	073-17404-004	073-17404-004	073-17404-005
*	19	BAFFLE, FLUE	073-17775-001	073-17775-002	073-17775-002	073-17775-003
2,3	20	BURNER, MAIN GAS	029-20482-000	029-20482-000	029-20482-000	029-20482-000
2	21	BRACKET, IGNITER	073-17403-000	073-17403-000	073-17403-000	073-17403-000
2	22	DECK, BLOWER (Rear)	073-17502-002	073-17502-002	073-12081-001	073-12081-001
2	23	DECK, FRONT	073-17496-000	073-17496-000	073-17497-000	073-17497-000
2	24	HEAT EXCHANGER ASS'Y	373-17477-003	373-17477-004	373-17477-008	373-17477-005
2,3	25	MANIFOLD, GAS	029-22114-002	029-22114-003	029-22114-003	029-22114-004
2	26	PANEL, UPPER ACCESS	373-19814-427	373-19814-427	373-19812-427	373-19812-427
2	27	PAN, BASE	073-19813-090	073-19813-090	073-19812-090	073-19812-090
2	28	PANEL, BLOWER ACCESS	373-19814-417	373-19814-417	373-19812-417	373-19812-417
2	29	PANEL, TOP	073-19862-061	073-19862-061	073-19862-062	073-19862-062
2	30	WRAPPER, INSULATED	373-19862-001	373-19862-001	373-19862-002	373-19862-002
2	31	CHANNEL, TOE PLATE	073-19862-051	073-19862-051	073-19862-052	073-19862-052
2	32	BRACKET, TOP DOOR	073-19862-071	073-19862-071	073-19862-072	073-19862-072
2	33	BRACKET, BOTTOM DOOR	073-19862-075	073-19862-075	073-19862-076	073-19862-076
*	34	RACK, FILTER	026-38509-000	026-38509-000	026-38509-000	026-38509-000
2	35	FRAME, SIDE BASE (2 Req'd)	073-19811-085	073-19811-085	073-19811-085	073-19811-085
3	36	BRACKET, ROLL-OUT SWITCH	073-12033-000	073-12033-000	073-12033-000	073-12033-000
3	37	ORIFICE, BURNER (Natural #45)	029-21182-045	029-21182-045	029-21182-045	029-21182-045
2	38	PLATE, RESTRICTOR	073-17777-156	073-17487-184	073-17785-184	073-17488-209
2	39	COLLAR, FLUE	073-17507-000	073-17507-000	073-17507-000	073-17507-000
*	40	LO-NOX SCREEN (L Models only)	026-35452-000	026-35452-000	026-35452-000	---

NOTE: \*Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list code dated 3/05.

Major components and suggested stocking items are shown with shaded item number.

&lt; Across from row indicates a change in that row.



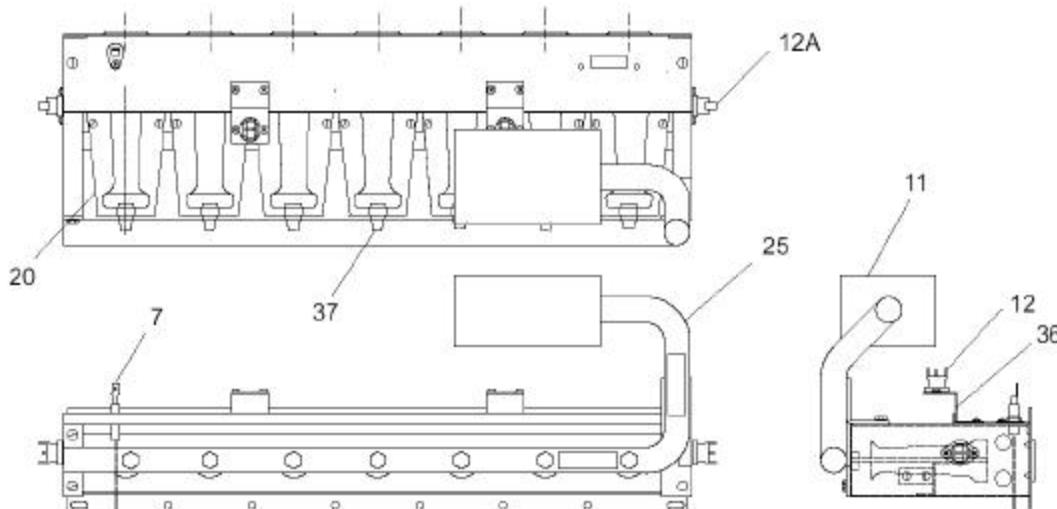


Figure 3: GAS CONTROLS

FIG	ITEM	DESCRIPTION	FC8T060A12UH11A	FC8T080A12UH11A	FC8T080B16UH11A	FC8T100B12UH11A
			<b>LC8T060A12UH11A</b>	<b>LC8T080A12UH11A</b>	<b>LC8T080B16UH11A</b>	---
			(3 BURNER)	(4 BURNER)	(4 BURNER)	(5 BURNER)
<b>MISCELLANEOUS</b>						
*	41	FILTER (.75 x 16 x 25)	026-38508-000	026-38508-000	026-38508-000	026-38508-000
2	42	SIGHT GLASS, OVAL	025-38899-000	025-38899-000	025-38899-000	025-38899-000
2	43	GASKET, RESTRICTOR PLATE	028-13258-000	028-13259-000	028-13281-000	028-13260-000
2	44	TUBING, SILICONE	028-12499-000	028-12499-000	028-12499-000	028-12499-000
	45					
*	46	DIAGRAM, WIRING	035-19675-002	035-19675-002	035-19675-002	035-19675-002
*	47	HARNESS, MAIN WIRING	373-19870-011	373-19870-011	373-19870-011	373-19870-011
*	48	ISOLATOR, TUBE (3 Req'd)	---	---	028-09412-001	028-09412-001
*	49	ISOLATOR, WASHER (3 Req'd)	---	---	028-09412-002	028-09412-002
*	50	ISOLATOR, SLEEVE (3 Req'd)	---	---	028-09412-003	028-09412-003
*	51	MOUNT, MOTOR	---	---	026-31459-000	026-31480-000
*	52	GROMMET, 1/2" DIA.	025-30823-000	025-30823-000	025-30823-000	025-30823-000
2	53	DOOR KNOB (4 Req'd)	026-39490-000	026-39490-000	026-39490-000	026-39490-000
*	54	RETAINER, DOOR KNOB (4 Req'd)	021-31394-000	021-31394-000	021-31394-000	021-31394-000
*	55	NUT, SELF THREADING (10 Req'd)	021-31395-000	021-31395-000	021-31395-000	021-31395-000
*	56	RETAINER, SQUARE	028-15190-000	028-15190-000	028-15190-000	028-15190-000

NOTE: \*Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 3/05.

Major components and suggested stocking items are shown with shaded item number.

&lt;" Across from row indicates a change in that row.



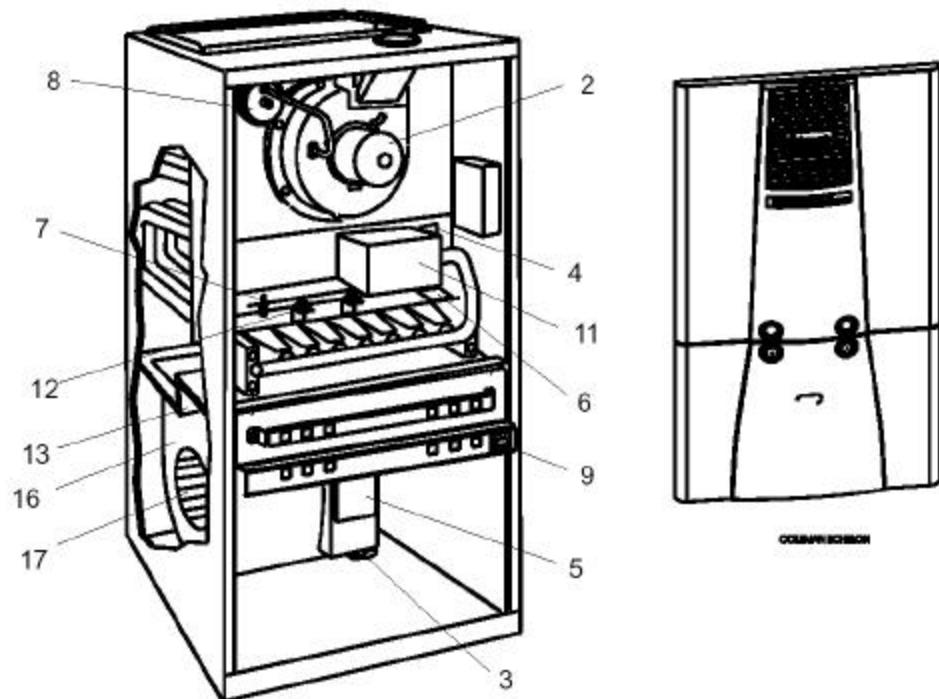


Figure 1: 2-STAGE UPFLOW/HORIZONTAL NATURAL GAS FURNACES (80%)

FIG	ITEM	DESCRIPTION	FC8T100C20UH11A	FC8T120C16UH11A	FC8T120C20UH11A
			LC8T100C20UH11A	---	LC8T120C20UH11A
			(5 BURNER)	(6 BURNER)	(6 BURNER)
<b>MOTORS</b>					
*	1	MOTOR, DIRECT DRIVE BLOWER	024-23238-001	024-27540-000	024-23238-001
1	2	MOTOR, VENTOR ASS'Y	024-27653-000	024-27653-000	024-27653-000
<b>ELECTRICAL</b>					
1	3	CAPACITOR, RUN (15MFD/370V) [RC]	024-20446-000	---	024-20446-000
		CAPACITOR, RUN (10MFD/370V) [RC]	---	024-20046-000	---
1	4	CONTROL, HIGH LIMIT	025-29041-005	025-29041-005	025-29041-005
1	5	CONTROL, FURNACE [FC]	031-09117-000	031-09117-000	031-09117-000
1	6	IGNITER	025-32625-000	025-32625-000	025-32625-000
1,3	7	SENSOR, FLAME	025-27773-000	025-27773-000	025-27773-000
1	8	SWITCH, AIR PRESSURE [1LP]	024-27657-001	024-27658-001	024-27658-001
1	9	SWITCH, DOOR [SW]	024-31943-000	024-31943-000	024-31943-000
*	10	TRANSFORMER	025-30889-000	025-30889-000	025-30889-000
1,3	11	VALVE, GAS	025-35394-000	025-35394-000	025-35394-000
1,3	12	SWITCH, FLAME ROLL-OUT [ROS 3]	025-27747-018	025-27747-018	025-27747-018
3	12A	CONTROL, Flame Roll Out (2ea) [ROS1,2]	025-27792-009	025-27792-009	025-27792-009
1	13	CONTROL, AUX. LIMIT (2 ea) [LS2, LS3]	025-30321-000	025-30321-000	025-30321-000
*	14	FUSE (ATO 3)	025-32746-026	025-32746-026	025-32746-026
	15				
<b>AIR MOVING</b>					
1	16	HOUSING, BLOWER	373-17829-001	373-17828-001	373-17829-001
1	17	WHEEL, BLOWER	026-19654-014	026-19654-005	026-19654-014
*	17A	CUTOFF, BLOWER	063-78006-000	---	063-78006-000

NOTE: \*Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 3/05.

Major components and suggested stocking items are shown with shaded item number.

&lt; Across from row indicates a change in that row.



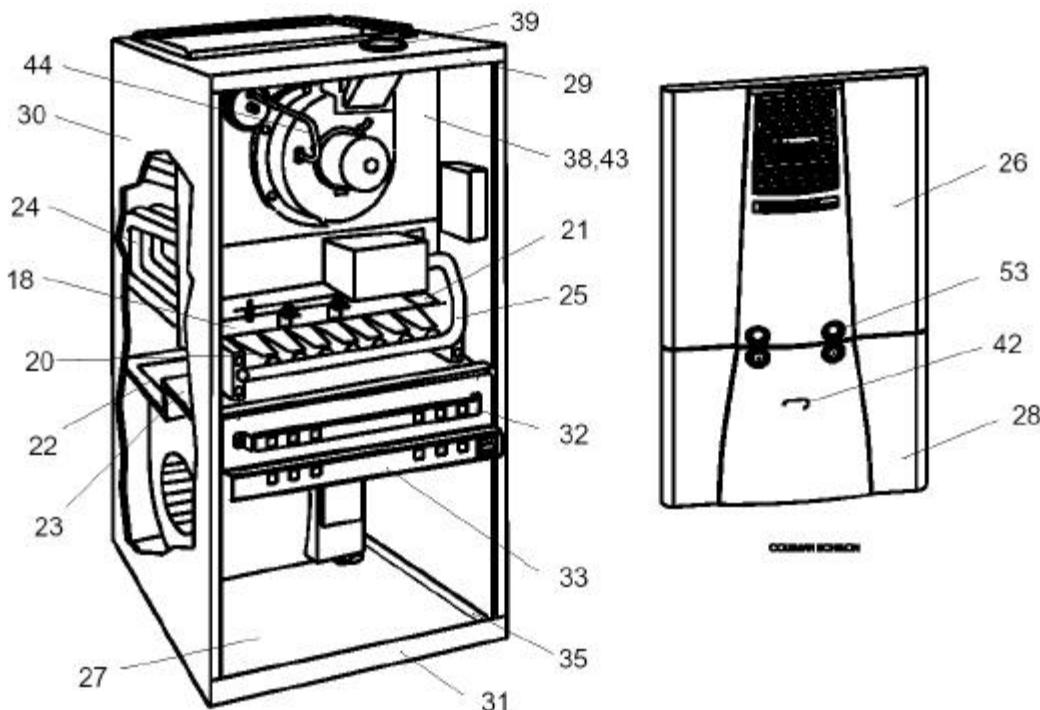


Figure 2: 2-STAGE UPFLOW/HORIZONTAL NATURAL GAS FURNACES (80%)

FIG	ITEM	DESCRIPTION	FC8T100C20UH11A	FC8T120C16UH11A	FC8T120C20UH11A
			LC8T100C20UH11A	---	LC8T120C20UH11A
			(5 BURNER)	(6 BURNER)	(6 BURNER)
<b>FABRICATED PARTS</b>					
2	18	SHIELD, SECONDARY AIR	073-17404-005	073-17404-006	073-17404-006
*	19	BAFFLE, FLUE	073-17775-003	073-17775-004	073-17775-004
2,3	20	BURNER, MAIN GAS	029-20482-000	029-20482-000	029-20482-000
2	21	BRACKET, IGNITER	073-17403-000	073-17403-000	073-17403-000
2	22	DECK, BLOWER (Rear)	073-12082-001	073-12082-001	073-12082-001
2	23	DECK, FRONT	073-17498-000	073-17498-000	073-17498-000
2	24	HEAT EXCHANGER ASS'Y	373-17477-010	373-17477-006	373-17477-006
2,3	25	MANIFOLD, GAS	029-22114-004	029-22114-005	029-22114-005
2	26	PANEL, FRONT ACCESS	373-19816-427	373-19816-427	373-19816-427
2	27	PAN, BASE	073-19816-090	073-19816-090	073-19816-090
2	28	PANEL, BLOWER ACCESS	373-19816-417	373-19816-417	373-19816-417
2	29	PANEL, TOP	073-19862-063	073-19862-063	073-19862-063
2	30	WRAPPER, INSULATED	373-19862-003	373-19862-003	373-19862-003
2	31	CHANNEL, TOE PLATE	073-19862-053	073-19862-053	073-19862-053
2	32	BRACKET, TOP DOOR	073-19862-073	073-19862-073	073-19862-073
2	33	BRACKET, BOTTOM DOOR	073-19862-077	073-19862-077	073-19862-077
*	34	RACK, FILTER	026-38509-000	026-38509-000	026-38509-000
2	35	FRAME, SIDE BASE (2 Req'd)	073-19811-085	073-19811-085	073-19811-085
3	36	BRACKET, ROLL-OUT SWITCH	073-12033-000	073-12033-000	073-12033-000
3	37	ORIFICE, BURNER (Natural #45)	029-21182-045	029-21182-045	029-21182-045
2	38	PLATE, RESTRICTOR	073-17787-209	073-17489-256	073-17489-256
2	39	COLLAR, FLUE	073-17507-000	073-17507-000	073-17507-000
*	40	LO-NOX SCREEN (L Models only)	026-35452-000	---	026-35452-000

NOTE: \*Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 3/05.

Major components and suggested stocking items are shown with shaded item number.

"<" Across from row indicates a change in that row.



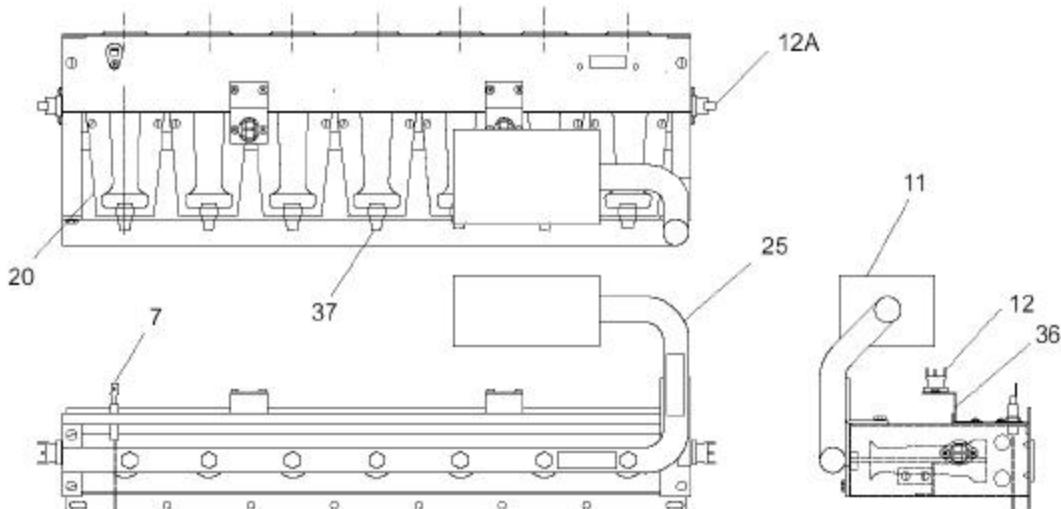


Figure 3: GAS CONTROLS

FIG	ITEM	DESCRIPTION	FC8T100C20UH11A	FC8T120C16UH11A	FC8T120C20UH11A
			LC8T100C20UH11A	---	LC8T120C20UH11A
			(5 BURNER)	(6 BURNER)	(6 BURNER)
<b>MISCELLANEOUS</b>					
*	41	FILTER (.75 x 16 x 25)	026-38508-000	026-38508-000	026-38508-000
2	42	SIGHT GLASS, OVAL	025-38899-000	025-38899-000	025-38899-000
2	43	GASKET, RESTRICTOR PLATE	028-13283-000	028-13261-000	028-13261-000
2	44	TUBING, SILICONE	028-12499-000	028-12499-000	028-12499-000
	45				
*	46	DIAGRAM, WIRING	035-19675-002	035-19675-002	035-19675-002
*	47	HARNESS, MAIN WIRING	373-19870-011	373-19870-012	373-19870-012
*	48	ISOLATOR, TUBE (3 Req'd)	028-09412-001	028-09412-001	028-09412-001
*	49	ISOLATOR, WASHER (3 Req'd)	028-09412-002	028-09412-002	028-09412-002
*	50	ISOLATOR, SLEEVE (3 Req'd)	028-09412-003	028-09412-003	028-09412-003
*	51	MOUNT, MOTOR	026-31459-000	026-31480-000	026-31459-000
*	52	GROMMET, 1/2" DIA.	025-30823-000	025-30823-000	025-30823-000
2	53	DOOR KNOB (4 Req'd)	026-39490-000	026-39490-000	026-39490-000
*	54	RETAINER, DOOR KNOB (4 Req'd)	021-31394-000	021-31394-000	021-31394-000
*	55	NUT, SELF THREADING (10 Req'd)	021-31395-000	021-31395-000	021-31395-000
*	56	RETAINER, SQUARE	028-15190-000	028-15190-000	028-15190-000

NOTE: \*Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 3/05.

Major components and suggested stocking items are shown with shaded item number.

&lt; Across from row indicates a change in that row.



FIELD INSTALLED ACCESSORIES- NON-ELECTRICAL		
MODEL NO.	DESCRIPTION	USED WITH
1NP0580	PROPANE (LP) CONVERSION KIT	ALL MODELS
1SF0101	EXTERNAL SIDE FILTER RACK (6-PACK)	ALL MODELS
1BR0414	EXTERNAL BOTTOM RETURN FILTER RACK WITH HIGH VELOCITY FILTER	ALL 14-1/2" ("A") CABINETS
1BR0417		ALL 17-1/2" ("B") CABINETS
1BR0421		ALL 21" ("C") CABINETS
1PS0313	HIGH ALTITUDE PRESSURE SWITCH KIT (DOES NOT INCLUDE ORIFICES)	FOR APPLICATION INFORMATION SEE INSTRUCTIONS
1PS0314		

FIELD INSTALLED ACCESSORIES- ELECTRICAL		
MODEL NO.	DESCRIPTION	USED WITH
2TC03700124	TWINNING CONTROL	ALL MODELS
6ET03700024	THERMOSTAT- Hardwired, 2 Heat/ 2 Cool. Programmable, auto changeover. System Switch: Cool-Off-Heat. Fan Switch: Auto-On	ALL MODELS
6ET03700124	THERMOSTAT- Hardwired, 1 Heat/ 1 Cool. Manual changeover. System Switch: Cool-Off-Heat. Fan Switch: Auto-On	ALL MODELS
6ET03700324	THERMOSTAT- Hardwired, 1 Heat/ 1 Cool. Programmable, auto changeover. System Switch: Cool-Off-Heat. Fan Switch: Auto-On	ALL MODELS
6ET03701024	THERMOSTAT- Power Stealing, 1 Heat/ 1 Cool. Programmable, auto changeover. System Switch: Cool-Off-Heat. Fan Switch: Auto-On	ALL MODELS
6ET03701224	THERMOSTAT- Power Stealing, 1 Heat/ 1 Cool. Manual changeover. System Switch: Cool-Off-Heat. Fan Switch: Auto-On	ALL MODELS
6ET0770010124	THERMOSTAT- Hardwired, 2 Heat/ 2 Cool. Programmable, auto changeover. System Switch: Cool-Off-Heat. Fan Switch: Auto-On	ALL MODELS

## NOTES

**TO ORDER AUTHORIZED FACTORY REPLACEMENT PARTS** - Contact your Source1 HVAC Parts Distributor or visit our website at [www.Source1Parts.com](http://www.Source1Parts.com) for a Distributor and Dealer listing.

Subject to change without notice. Printed in U.S.A.  
Copyright © by York International Corp. 2005. All rights reserved.

035-20353-001 Rev. B (0305)  
Supersedes: 035-20353-001 Rev. A (0504)

---

**Unitary  
Products  
Group**

**5005  
York  
Drive**

**Norman  
OK  
73069**